

[Skip to Main Content](#)[IEEE.org](#) | [IEEE Xplore Digital Library](#) | [IEEE Standards Association](#) | [Spectrum Online](#) | [More IEEE Sites](#)Search Term(s) [Advanced Search](#) | [Preferences](#) | [Search Tips](#)

Browse

- [Journals & Magazines](#)
- [Conference Proceedings](#)
- [Standards](#)
- [Books](#)
- [Educational Courses](#)
- [Technology Surveys](#)
- My Settings
 - [Alerts](#)
 - [Purchase History](#)
 - [Saved Searches](#)
 - [Sign In](#)
 - [What can I access?](#)
- [Cart](#)

[Feedback](#)  [Help](#)

Search Results

You searched for: (((loop current controller and resistor and regulator) AND process variable) AND controller network area load)

-  Show Title Results
-  Download Citations
-  Email Selected Results
-  Print

Results per Page

Showing 1 - 25 of 954 results

[Next»](#)Sort By:

Select All | Deselect All



IEEE Recommended Practice for Calculating Short-Circuit Currents in Industrial and Commercial Power Systems

IEEE Std 551-2006 (The Violet Book)

Digital Object Identifier: [10.1109/IEEESTD.2006.248693](#)

Publication Year: 2006 , Page(s): c1 - 300

IEEE Standards



[AbstractPlus](#) | Full Text: [PDF](#) (5625 KB)



[Quick & Abstract](#)



Abstracts of Current Computer Literature

Brzozowski, J.A.;

Electronic Computers, IEEE Transactions on

Volume: EC-12 , Issue: 6

Digital Object Identifier: [10.1109/PGEC.1963.263604](#)

Publication Year: 1963 , Page(s): 937 - 961

IEEE Journals



[AbstractPlus](#) | Full Text: [PDF](#) (5672 KB)



[Quick & Abstract](#)



Abstracts of Current Computer Literature

Electronic Computers, IEEE Transactions on

Volume: EC-10 , Issue: 2

Digital Object Identifier: [10.1109/TEC.1961.5219209](#)

Publication Year: 1961 , Page(s): 316 - 332

IEEE Journals



[AbstractPlus](#) | Full Text: [PDF](#) (4674 KB)



[Quick & Abstract](#)



Abstracts of Current Computer Literature

Electronic Computers, IEEE Transactions on

Volume: EC-12, Issue: 4

Digital Object Identifier: [10.1109/PGECE.1963.263487](#)

Publication Year: 1963, Page(s): 425 - 436

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (3186 KB)



Abstracts of Current Computer Literature

Electronic Computers, IEEE Transactions on

Volume: EC-12, Issue: 5

Digital Object Identifier: [10.1109/PGECE.1963.263682](#)

Publication Year: 1963, Page(s): 585 - 599

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (3695 KB)



IEEE Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators

IEEE Std C57.15-1999

Digital Object Identifier: [10.1109/IEEESTD.2000.91311](#)

Publication Year: 2000

IEEE Standards

 [AbstractPlus](#) | Full Text: [PDF](#) (704 KB)



Power electronics, control of the electromechanical energy conversion process and some applications

van Wyk, J.D.; Skudelny, H.-Ch.; MÄ4ller-Hellmann, A.;

Electric Power Applications, IEE Proceedings B

Volume: 133, Issue: 6

Digital Object Identifier: [10.1049/ip-b:19860052](#)

Publication Year: 1986 , Page(s): 369 - 399

IET Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (4507 KB)



Electrical variable-speed drives

Jones, B.L.; Brown, J.E.;

[Physical Science, Measurement and Instrumentation, Management and Education, Reviews, IET Proceedings A](#)

Volume: 131 , Issue: 7

Digital Object Identifier: [10.1049/jp-a-1:19840070](#)

Publication Year: 1984 , Page(s): 516 - 558

IET Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (6368 KB)



Abstracts of Current Computer Literature

[Electronic Computers, IEEE Transactions on](#)

Volume: EC-10 , Issue: 3

Digital Object Identifier: [10.1109/TEC.1961.5219252](#)

Publication Year: 1961 , Page(s): 555 - 571

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (4417 KB)



Current Sensing for Automotive Electronics—A Survey

Patel, A.; Ferdowsi, M.;

[Vehicular Technology, IEEE Transactions on](#)

Volume: 58 , Issue: 8

Digital Object Identifier: [10.1109/TVT.2009.2022081](#)

Publication Year: 2009 , Page(s): 4108 - 4119

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (1521 KB)



Abstracts of Current Computer Literature

Burns, L.L.;
[Electronic Computers, IEEE Transactions on](#)
 Volume: EC-12, [Issue: 5](#)
 Digital Object Identifier: [10.1109/PGEC.1963.263666](#)
 Publication Year: 1963, Page(s): 585 - 596

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (3123 KB)



An Accurate, Continuous, and Lossless Self-Learning CMOS Current-Sensing Scheme for Inductor-Based DC-DC Converters

Pooya Forghani-zadeh, H.; Rincon-Mora, G.A.;
[Solid-State Circuits, IEEE Journal of](#)
 Volume: 42, [Issue: 3](#)
 Digital Object Identifier: [10.1109/JSSC.2006.891721](#)
 Publication Year: 2007, Page(s): 665 - 679

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (2508 KB)



Abstracts of Current Computer Literature

[Electronic Computers, IRE Transactions on](#)
 Volume: EC-11, [Issue: 0](#)
 Digital Object Identifier: [10.1109/BRETEL.1962.5407935](#)
 Publication Year: 1962, Page(s): 427 - 438

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (3106 KB)



**A fixed-frequency pulsewidth modulation based quasi-sliding-mode controller for buck converters**

Siew-Chong Tan; Lai, Y.M.; Tse, C.K.; Cheung, M.K.H.;

Power Electronics, IEEE Transactions on

Volume: 20 , Issue: 6

Digital Object Identifier: [10.1109/TPEL.2005.857556](https://doi.org/10.1109/TPEL.2005.857556)

Publication Year: 2005 , Page(s): 1379 - 1392

IEEE Journals

[AbstractPlus](#) | Full Text: [PDF](#) (2528 KB)**IEEE Guide for the Application of Metal-Oxide Surge Arresters for Alternating-Current Systems**IEEE Std C62.72-2009Digital Object Identifier: [10.1109/IEEESTD.2009.5162081](https://doi.org/10.1109/IEEESTD.2009.5162081)

Publication Year: 2009 , Page(s): 1 - 131

IEEE Standards

[AbstractPlus](#) | Full Text: [PDF](#) (2855 KB)**Flux-based active filter controller**

Bhattacharya, S.; Veltman, A.; Divan, D.M.; Lorenz, R.D.;

Industry Applications, IEEE Transactions on

Volume: 32 , Issue: 3

Digital Object Identifier: [10.1109/28.502159](https://doi.org/10.1109/28.502159)

Publication Year: 1996 , Page(s): 491 - 502

IEEE Journals

[AbstractPlus](#) | Full Text: [PDF](#) (1172 KB)**Approved IEEE Draft Recommended Methods for Calculating AC Short-Circuit Currents in Industrial and Commercial Power Systems. (Color Book Series - Violet Book)**

 [AbstractPlus](#) | Full Text: [PDF](#) (5368 KB)



Variable Frequency Permanent Magnet AC Machine Drives

Bose, B.;

Power Electronics and Variable Frequency Drives: Technology and Applications

Digital Object Identifier: [10.1109/9780470545553.ch6](#)

Publication Year: 1996 , Page(s): 277 - 331

IEEE BOOK CHAPTER

[Abstract](#) | [PDF](#)



Transformer Magnetizing Inrush Currents and Influence on System Operation

Brownlee, W. R.;

American Institute of Electrical Engineers, Transactions of the

Volume: 63 , Issue: 6

Digital Object Identifier: [10.1109/T-AIEE.1944.5058951](#)

Publication Year: 1944 , Page(s): 423 - 500

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (26310 KB)



IEEE Guide for the Installation of Electrical Equipment to Minimize Electrical Noise Inputs to Controllers From External Sources

IEEE Std 518-1982

Digital Object Identifier: [10.1109/IEEESTD.1982.120311](#)

Publication Year: 1982 , Page(s): 1 - 115

IEEE Standards

 [AbstractPlus](#) | Full Text: [PDF](#) (953 KB)



An Eight-Year Investigation of Lightning Currents and Preventive Lightning Protection on a Transmission System

Starr, E. C.;

[American Institute of Electrical Engineers, Transactions of the](#)

Volume: 63, Issue: 12

Digital Object Identifier: [10.1109/T-AIEE.1944.5058882](#)

Publication Year: 1944, Page(s): 1350 - 1504

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (55661 KB)

Control and Resonance Damping of Voltage-Source and Current-Source Converters With Filters

Yun Wei Li;

[Industrial Electronics, IEEE Transactions on](#)

Volume: 56, Issue: 5

Digital Object Identifier: [10.1109/TIE.2008.2009562](#)

Publication Year: 2009, Page(s): 1511 - 1521

IEEE Journals

 [AbstractPlus](#) | Full Text: [PDF](#) (1380 KB)[Next»](#)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Refine/Expand Results

Search within results: 

Content Type

- ☐ Journals (514)
- ☐ Conferences (271)

☐ Single Year ☒ Range

1918 2010

From: 1918

To: 2010

Search for Author

- Kaplan, S. (14)
- Sanders, S.R. (7)
-
- Guerrero, J.M. (7)
- Tse, C.K. (6)
-
- . (6)
-
- Yan-Fei Liu (5)
-
- Brodersen, R. (5)
-
- Chandrakasan, A. (5)
-
- Castilla, M. (5)
-
- Dongsheng Ma (5)
-
- Jain, P.K. (4)
-
- Bose, B. (4)
-
- Singh, B. (4)
-
- Gray, P. (4)
-
- Chandra, A. (4)
-
- Uceda, J. (4)
-
- Jianping Xu (4)

- Universal Dynamics Ltd., Richmond, BC (2)

- ☐ Wilmore Electron. Co. Inc., Hillsborough, NC (2)
-
- ☐ Dept. of Electron. & Inf. Eng., Hong Kong Polytech. Univ., China (2)
-
- ☐ Dept. of Electr. Eng., South Carolina Univ., Columbia, SC, USA (2)
-
- ☐ Dept. of Electr. & Electron. Eng., Imperial Coll. London, UK (2)
-
- ☐ Lab. for Electromagn. & Electron. Syst., Massachusetts Inst. of Technol., Cambridge, MA, USA (2)
-
- ☐ Sch. of Electr. Eng. & Comput. Sci., Univ. of Newcastle, NSW, Australia (2)
-
- ☐ Dept. of Electr. Eng. & Comput. Sci., California Univ., Berkeley, CA (2)
-
- ☐ Dept. of Electr. Eng., Southwest Jiaotong Univ., Chengdu (2)
-
- ☐ Lab. for Electromagn. & Electron. Syst., MIT, Cambridge, MA (2)

Publication Title

Search for Publication Title

-
- ☐ Power Electronics, IEEE Transactions on (73)
-
- ☐ Industrial Electronics, IEEE Transactions on (60)
-
- ☐ Solid-State Circuits, IEEE Journal of (45)
-
- ☐ Industry Applications, IEEE Transactions on (42)
-
- ☐ Power Apparatus and Systems, IEEE Transactions on (30)
-
- ☐ Spectrum, IEEE (26)
-
- ☐ Proceedings of the IRE (26)
-
- ☐ American Institute of Electrical Engineers, Transactions of the (24)
-
- ☐ IEEE Std 100-2000 (18)
-
- ☐ Energy Conversion, IEEE Transactions on (13)
-
- ☐ Proceedings of the IEEE (12)
-
- ☐ Aerospace and Electronic Systems, IEEE Transactions on (11)
-
- ☐ Power Delivery, IEEE Transactions on (11)
-
- ☐ Power Systems, IEEE Transactions on (11)
-
- ☐ Electronic Computers, IEEE Transactions on (9)
-

- ☐ Instrumentation and Measurement, IEEE Transactions on (8)
-
- ☐ Industry Applications Conference, 2005. Fourtieth IAS Annual Meeting. Conference Record of the 2005 (8)
-
- ☐ Nuclear Science, IEEE Transactions on (6)
-
- ☐ Control Systems Technology, IEEE Transactions on (6)
-
- ☐ Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE International Symposium on (6)
-
- ☐ Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE International Symposium on (6)
-
- ☐ Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on (6)
-
- ☐ Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International Symposium on (6)
-
- ☐ Power Engineering Review, IEEE (5)
-
- ☐ Very Large Scale Integration (VLSI) Systems, IEEE Transactions on (5)

Publisher

-
- ☐ IEEE (899)
-
- ☐ IET (54)
-
- ☐ AIP (1)

Subject

-
- ☐ Power, Energy, & Industry Applications (517)
-
- ☐ Components, Circuits, Devices & Systems (449)
-
- ☐ Signal Processing & Analysis (306)
-
- ☐ Engineered Materials, Dielectrics & Plasmas (273)
-
- ☐ Computing & Processing (Hardware/Software) (262)
-
- ☐ Communication, Networking & Broadcasting (191)
-
- ☐ Photonics & Electro-Optics (123)
-
- ☐ General Topics for Engineers (Math, Science & Engineering) (116)
-
- ☐ Robotics & Control Systems (101)
-
- ☐ Engineering Profession (82)
-
- ☐ Fields, Waves & Electromagnetics (62)
-

- ☐ Bioengineering (51)
-
- ☐ Geoscience (42)
-
- ☐ Aerospace (31)
-
- ☐ Transportation (28)
-
- ☐ Nuclear Engineering (11)

Conference Country

-
- ☐ USA (32)
-
- ☐ UK (3)
-
- ☐ Canada (3)
-
- ☐ Italy (3)
-
- ☐ South Africa (2)
-
- ☐ France (2)
-
- ☐ Australia (2)
-
- ☐ Japan (1)
-
- ☐ West Germany (1)
-
- ☐ Spain (1)
-
- ☐ Switzerland (1)
-
- ☐ Hong Kong (1)
-
- ☐ China (1)
-
- ☐ Netherlands (1)
-
- ☐ Germany (1)
-
- ☐ Cyprus (1)

Conference Location

Search for Conference Location

-
- ☐ Lille, France (13)
-
- ☐ Orlando, FL (10)

☐ San Diego, CA (6)

•

☐ Atlanta, GA (6)

•

☐ Snowmass Village, CO, USA (5)

•

☐ Porto (4)

•

☐ Providence, RI (4)

•

☐ Rhodes (4)

•

☐ Munich, Germany (4)

•

☐ Braunschweig, Germany (4)

•

☐ Vancouver, BC (3)

•

☐ London (3)

•

☐ San Jose, CA (3)

•

☐ Pittsburgh, PA (3)

•

☐ Dallas, TX (3)

•

☐ San Francisco, CA (2)

•

☐ Seattle, WA (2)

•

☐ Portland, OR (2)

•

☐ Columbus, OH (2)

•

☐ San Francisco, CA, USA (2)

•

☐ Cambridge (2)

•

☐ Paris (2)

•

☐ Montreal, Que. (2)

•

☐ San Antonio, TX (2)

•

☐ Barcelona (2)

Brought to you by

United States Patent and Trademark Office

- Your institute subscribes to:
- [IEEE/ET Electronic Library \(IEL\)](#), [IEEE Draft Standards Online Subscription](#)
- [What can I access?](#)

SEARCHES FOR THIS SESSION

- ((loop current controller and resistor and regulator) AND process variable) AND controller network area load) (954)
- [More Search History](#)

Additional Results

[Application Notes \(beta\)](#)

$$\frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} \frac{e^{-j\omega t}}{\sqrt{1+\omega^2}} d\omega$$

[Help](#) | [Contact Us](#) | [Privacy & Security](#) | [Site Map](#) | [IEEE.org](#) | [Nondiscrimination Policy](#)

© Copyright 2010 IEEE - All Rights Reserved

[Back to Top](#)